Mathematical Types Exercises

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Complex Numbers

- Write a program which creates an std::complex object, reads in its value from the keyboard, and prints it out
- Print out the real part, imaginary part, magnitude, phase angle and conjugate of your object
- Print out the square and the sine of your object
- Modify your program to create another std::complex object and print out the result of
  - Comparing the two objects for equality
  - Adding them
  - Multiplying them

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